M-15339 US

MAR 0 7 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

124.4 .

Applicant(s): Xiang Zhu, et al.

Title:

CHARGE PUMP FOR A LOW-VOLTAGE WIDE-TUNING RANGE

PHASE-LOCKED LOOP

Serial No.:

10/817,215

Filing Date:

April 2, 2004

Examiner:

Anh Quan Tra

Group Art Unit:

2816

Docket No.:

M-15339 US

Confirmation No.:

2417

Irvine, California March 7, 2006

Via Facsimile to (571) 273-8300

Mail Stop AF **COMMISSIONER FOR PATENTS** P.O. Box 1450 Alexandria, VA 22313-1450

RESPONSE TO FINAL OFFICE ACTION

Dear Sir:

This responds to the Final Office Action mailed on January 11, 2006.

Please amend the above-identified application as follows:

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PAGE 1/8 * RCVD AT 3/7/2006 4:09:06 PM [Eastern Standard Time] * SVR:USPTO-EFXRF-6/2 * DNIS:2738300 * CSID:9497527049 * DURATION (mm-ss):01-44